

150-304 .(03)

University of Toronto Engineering Society

February 9, 1988

THE CANNON



DON'T
PANIC!!!!
Reading
Week Is
Almost
Here!!!!

University of Toronto Engineering Society

THE CANNON

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Where the context requires, words used herein importing the singular shall include the plural and vice versa, and words importing gender shall include all genders.

Skule is a registered trademark of the University of Toronto Engineering Society. The Cannon is a publication (sort of) of the University of Toronto Engineering Society. It is published at random intervals which are sort of, almost directly related to, the marks the editors are receiving in their various courses. The purpose of The Cannon is to announce ENGSOE events, discuss faculty and university matters, and occasionally present current and technical information of interest to engineering undergraduates. The Cannon encourages submissions; Please scribe legibly (our hieroglyphics interpreter has left us again). The Cannon is the only newspaper published by the

Engineering Society which is not subject to passing the communist censorship board; the one the Toike goes through.

Comments on The Cannon or on articles appearing in it are appreciated and the editors will make every effort to publish such material. THE OPINIONS HERIN ARE NOT NECESSARILY THOSE OF THE ENGINEERING SOCIETY.

Anyone interested in helping with The

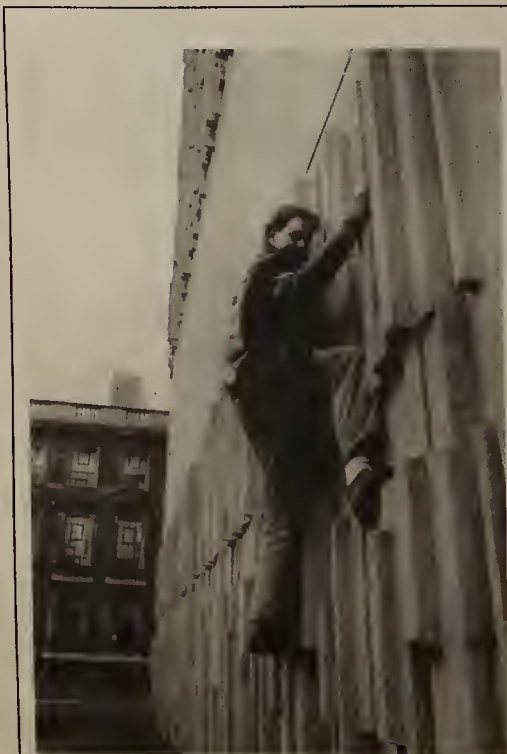
Cannon is most welcome.

The Cannon Room B670 Sanford Fleming Building 10 Kings College Road, Toronto.

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Computer Presentation Scheduled For Beginning Of March

On Wednesday, March 2nd at 5:00 p.m. in SF1105, the Engineering Society has invited Philips Information Systems Ltd. and Microsoft Corporation to make an audio-visual presentation on the day in the life of an engineer. This event is geared towards informing students, primarily in this faculty, of the use of computers in the workforce and of the research undertaken by the Computer Committee in order to make personal computers more easily available to its students.

At this "Blue Room Presentation" Students will also receive a demonstration of both the hardware configurations and the software that will soon be made available to them. In addition, every engineering student in attendance will have the opportunity to win a fully configured PC XT or some software packages courtesy of Philips and Microsoft. Advertisements for this important event will be posted soon. Watch for them and come out to be informed and to win!

Letters

A letter recently sent to the Varsity by one of the members of the New Gumby Party.

To the Editor:

Regarding Jennifer Gould's article on the recently elected Model Parliament, I would like to set the record straight. In the article it was inferred that the New Gumby Party was a joke party advanced as a strategy for the Progressive Conservatives. This is completely false. The New Gumby Party is the same party as the Gumby Party that has been involved in the Model

Parliament since 1985. We have evolved to our present level of irrational parliamentary irrelevance without any of the expert help of the Tory Party in this area. I would appreciate a correction of this misleading (that's Parliamentary talk for lying and false) information.

Yours Flexibly,

Jeremy Bateson

Honourary
Non-plastic Leader

of the Gumby
Party

P.S. - Get a new picture of Lois Reimer for goodness sake.

Cover: Cannon As usual The Cannon photography editor had its cameras at the scene before anyone else had a chance. (That's why you won't see this in any other paper.) Unfortunately there were no injuries.



Two Referendi For ENGSOC Elections

Notice of Referendum

Engineering Student's Temporary Educational Levy

"Do you support the collection of \$100 per year per student fee for the next two years to be used as a special educational fund which will be controlled jointly by the Engineering Society and the Dean of the Faculty of Engineering under the condition outlined in the Cannon dated Feb 5."

Yes _ No _
The temporary educational levy is intended to replace, in part, the \$100 incidental fee which was disallowed by the Ontario provincial government in the summer of 1987. The conditions referred to in the referendum question are written out in the following "Proposed agreement". At present these conditions are a rough draft. The final conditions will be published in The Election Cannon which should appear early in election week. Please read the agreement and watch for more information on the implications of this levy. This referendum will appear

on the ballot of the Engineering Society elections. Polls are open on Thursday and Friday, March 10th and 11th.

Proposed Agreement

Preamble
On behalf of all full-time students registered in the Faculty of Applied Science and Engineering, and the Dean of the Faculty of Engineering Toronto Engineering Society proposes that a temporary Educational Levy be levied upon full-time undergraduate students registered in the Faculty of Applied Science, subject to the following eight provisions:

Provision 1
The amount of the temporary educational levy shall be \$100.

Provision 2
a) The term of the temporary educational levy shall be a maximum of two years.

b) These years shall be the academic school years of 1988-89 and 1989-90.

Provision 3
The educational levy shall be reviewed by the Engineering Society Council in the spring of

1989 and again in the spring of 1990. Review shall consist of a presentation to the Engineering Society Council of the expenditures which have occurred in the academic year.

Provision 4
Each department shall, with advice from their students, request expenditures from the Educational Levy fund through the Dean of the Faculty of Applied Science and Engineering. Authorization for expenditures shall be made jointly by the President of the Engineering Society and the Dean of the Faculty.

Provision 5
The temporary educational levy shall cease to exist after the 1989-90 school year unless the levy is continued by an agreement of full-time undergraduate students by referendum.

Provision 6
The temporary educational levy shall be used to purchase equipment which will enhance the quality of education in the Faculty of Applied Science and Engineering above what is normally provided.

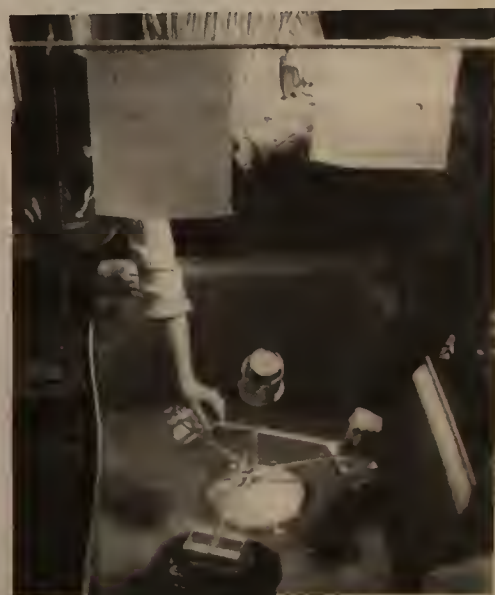
Engineering Awards

Nominations for who has: a) exhibited the following awards leadership and character during his 4 years in the 4th Year Committee mailbox in the Engineering Society. but not an officer of the Nominations will be accepted until Friday, February 11.

society; c) good academic standing.

Awards: Engineering Society Award - Centennial Award - awarded to a member of the graduating class who has: a) exhibited leadership and character during his 4 years; b) Served on the Eng Soc in any of his 4 years; c) good academic standing.

Skule Cannon Award - awarded to a member of the graduating class and athletic activities.



Above: One of the many entrants in the MECH 9TO "Crash Boat" competition. Each "boat" had to be able to withstand

two drops of a Cambell's Chicken Noodle Soup can from a one metre height, without letting the can get wet.
Cont. pg. 6 'Eng. Liason'

Notice of ENGSOC Elections

Hear Ye! Hear Ye!
The University of Toronto Engineering Society, 1987-88 version, hereby announces the impending elections for officers of the society for the upcoming and soon to be here school year of 1988-89.

Elections

Nominations open:
Monday February 8,
1988 at 9:00 a.m.

Nominations Close: Friday March 4, 1988 at 12:00 noon.

Election Week: March 7-11, 1988.

Election Days: Thursday March 10, and Friday March 11, 1988 from 9:00 a.m. to 5:00 p.m.

Eligible to run: Any Engineering Society member, i.e. any student enrolled in Engineering at the University of Toronto.

Nomination Forms: will be available at the Engineering Society (SF B670) from Monday February 8, 1988 until the close of nominations. Nomination forms will require the signatures of twenty-five (25) Society Members.

Elections Rules: Copies of the election rules are available at the Engineering Society to anyone who is even remotely interested. It is hoped that aspiring candidates fall under this category.

Positions

The positions being contested are the positions of the five officers of the Engineering



ing Society. These positions have the following titles:

President

Vice-President Administration (V.P. External)

Vice-President Activities

Treasurer (Finances)

Secretary

Job Descriptions

President

1) Any Member who has not previously held the office of President is eligible for election to the Office of President provided that that Member is 18 years of age or older and will be registered in the Fourth Year of the undergraduate program in Applied Science and Engineering in the September of his term.

2) The President shall be the Chief Executive Officer of the Society.

3) The President shall have the power to call meetings of Council

pursuant to the provisions of section 4.21 of the Engineering Society By-Laws.

4) The President shall preside at all meetings of the Executive Committee of Council.

5) The President shall be a voting member of all Standing and Special Committees appointed by Council.

6) The President shall serve as the official representative of the Society on all suitable positions.

7) The President shall have other such duties as may pertain to the Office.

Vice-President Activities

1) Any Member who has not previously held the office of Vice-President Activities shall be eligible for the office of Vice-President Activities provided that he is 18 years of age or older.

2) The Vice-President Activities shall assist the President in the discharge of his duties and shall be responsible

for overseeing all athletic and social activities of the Society.

3) The Vice-President Activities shall be a voting member of all

Standing and Special Committees appointed by Council. Members, Ex-Officio Members and Affiliate Members;

4) The Vice-President Activities shall serve as the official representative of the Society in the absence of the President and of the Vice-President Administration. d. a register of Councillors in which are set out the names, addresses and callings of all persons who are or have been Councillors of the Society together with the several dates on which each became or ceased to be a councillor;

5) The Vice-President Activities shall have other such duties as may pertain to the Office.

Secretary

1) In accordance with the provisions of The Corporations Act of Ontario the Secretary shall keep, or cause to be kept,

a. a copy of the accurate records of letters patent and of any supplementary letters patent issued to the Society;

b. all by-laws and special resolutions of the Society

c. a register of members in which are set out the names with addresses, alphabetically arranged, of all persons who are or who have been within the preceding

2) The Secretary shall issue notices of meetings of the Members, of Council and of the Executive Committee of Council and shall

prepare an agenda for each meeting and shall take, or arrange to have taken and preserved in a minute book kept for that purpose, full and

accurate records of attendance and voting minutes of all meetings of the Members, Council and of the Executive Committee of Council.

3) After approval thereof by the Members, the Council, or the Executive Committee of Council, the Secretary and the President shall sign the minutes of the previous meeting.

Our President, Wayne McPhee



- 4) Other duties include: enshrined in the this one. Joyce does Engineering Society's the books anyway.) By-Laws permanently. It is intended that new minutes are ready for the next meeting to be adopted. names will be applied to these positions once they are formally passed and these suggested names are indicated in brackets following the official names.
- a. Insuring that the minutes are ready for the next meeting to be adopted.
- b. Taking attendance at meetings.
- c. Contacting class reps who are not attending meetings and reminding them of their responsibilities.
- d. Compiling a phone list of all Engineering Society directors and associated members.

These positions are essentially unchanged from previous years. The two remaining positions, Treasurer and Vice-President Administration, have had their job descriptions redefined such that essentially the two positions that used to exist under these names are now combined under the name of Treasurer and a new job description has been devised for the Vice-President Administration. These changes were passed by council for one year and must be passed at the general meeting in the fall and subsequently passed by Governing Council to become

- 1) Any Member who has not previously held the office of Treasurer is eligible for election to the office of Treasurer provided that he is 18 years of age or older.
- 2) The Treasurer shall be responsible for overseeing all financial and administrative affairs of the Society.
- 3) The Treasurer shall prepare Spring, Fall, and Winter budgets detailing projected revenues and expenses for council approval.
- 4) The Treasurer shall keep or cause to be kept proper books of account and accounting records with respect to all financial and other transactions of the Society. (Don't sweat

5) The Treasurer shall be responsible for reporting the expenditures of the Society's funds in accordance with the Budget passed by Council.

Vice-President Administration (V.P. External)

- 1) The Vice-President Administration shall oversee the running of the following Standing Committees: Employment, High School Liaison, Communications, Computer, Professional Development.
- 2) The Vice-President Administration shall assist the President in any matters external to the Society.
- 3) In the absence of the President, the Vice-President Administration shall serve as the official representative of the Society.
- 4) The Vice-President Administration shall be a voting Member of all Standing and Special Committees appointed by Council.



ENGSOC Redefines Job Descriptions

After much consultation and review, the Executive structure of the Engineering Society has been altered. The previous structure consisted of the President, Vice-President of Administration, the Vice-President Activities, the Treasurer, and the Secretary. It had become apparent in recent years that due to the expanding activities of the Engineering Society, a need existed for a third vice-president, V.P. External. The responsibilities for this position include overseeing all external Standing Committees of Council, a job which had been left previously for the

President simply because there was not anyone else to accept it. Simultaneously, it had become evident that the duties of the Treasurer were becoming less and less numerous since the task of actually keeping the books had been passed to Joyce, the ENGSOE secretary. As a result, it was decided that the position of Treasurer should be merged into the mandate of the V.P. Administration to create a new position, V.P. Finances. These changes were passed by Council and are in effect for the duration of the upcoming election on a trial basis.



Engineering Liason Section

Think positive -- you can enjoy your summer and work in a course related setting at the same time. But you must act now if you haven't already.

There are very good reasons for finding Engineering related summer

employment in your early years at UofT. Besides being a necessity for

your 600 hours of service requirement, there is demand by employers hiring graduates for students who have as much work experience as possible.

According to Neil MacDougal, President of the Technical Service

Council, employers today are hiring less in numbers compared to say

1981/82 and therefore must be very selective

of the graduates they recruit.

Such things as relevant work experience, extra-curricular activities, and good verbal and writing skills rank high in the eyes of the employer.

The type of summer employment that students obtain can make a statement about their ambition and interest in their chosen profession.

First year students become disenchanted when they learn that

employers are unwilling to hire them in Engineering related positions.

What students fail to realize is that even by working in a non-course-related position in a company can provide some exposure to real world engineering and can also provide a contact inside the firm for an Engineering-related position the following summer.

ENGINEERING SUMMER JOBS SEMINAR - A BIG HIT

On Wednesday January 20, the office of Engineering Liaison and the

Career Centre staged the first annual Engineering Summer Jobs Seminar

in the Medical Arts Auditorium. The theme of the seminar was "looking

for summer employment". The Career Centre's Sandra Sagara, Special

Projects

Coordinator, and Kathy Graham, Administra-

tive Assistant in the Summer/Part-Time area, gave us the benefit of their experience by

speaking about such topics as self-assessment, active job searching,

resumes, and covering letters. The Engineering Liaison Coordinator (ELC)

gave a "state of the industry synopsis", and spoke regarding first



Greg A. Gerrie
Engineering
Liaison
Co-ordinator

year students gaining employment.

An enlightening segment of the seminar was a panel discussion where third and fourth year Engineering students participated as panel members.

The students spoke to the audience about how they obtained their summer

positions, and benefits gained from them. The audience in turn asked pointed and relevant questions to both the panel members and guest

speakers. This part of the seminar was quite popular in that it

brought to light many real life issues. The seminar was followed by a reception

where guest members and guest speakers were available for further questioning.

Remember that there are many resources available at the library which

can help you to locate the companies of your choice. There are also

copies of the Engineering Summer Survey which lists all companies who

hired UofT summer students at the front desk of the Career Centre.

Engineering Liason Referendum

The Engineering Employment liaison referendum shall be featured on this year's Engineering Society election ballot. Polls

are open Thursday and Friday, March 10th and 11th. This position was established three years ago, and is sub-

ject to review this year. The original fee was nineteen dollars and

twenty-five cents. However, inflation and an increase in the responsi-

bilities of the employment liaison have led to increased costs. Greg Gerrie, who is our present employment liaison, is an employee of the Engineering Society who works out

full account, showing the need for a fee increase, and a list of accomplishments, will

be contained in the next edition of The Cannon. This edition should be published before the elections.

Notice of Referendum Engineering Employment Liaison Referendum

"Do you support the collection of a \$25. per student fee for the next three years for the con-

tinuation of the Engineering Employment Office which has the mandate of increas-

ing the number of summer, permanent and Professional Experience Year jobs for U of T Engineering undergraduates?"

Society who works out

of the career centre. A Yes___ No___



JOIN A COMMITTEE FOR NEXT YEAR

Engineering Society Committees have always been rather unstructured. The committees usually consisted of friends of the committee chair. This year we are going to try something new. Near this article there should be a sign-up form. The form requests your name, phone number and the committees you wish to join. Fill out the form and hand it in to Joyce, the secretary in the Engineering Society. This form is by no means a binding document and if you don't have time to help out then that's o.k.. Only those who have signed up may vote for the chair of the committee. The deadline for forms is the week before committee chair elections start, which is Friday, March 18th. If you hand in a form you will not have to worry about not being part of your favourite committee.

- 1) Blue and Gold address students -co-responsible for main-ordinate U of T taining 'Skule spirit' representatives for the -oversees LGMB and Ontario Engineering mythical groups -build Design competition
- 2) Communications 5) Social -organize various pubs -organize Cannon ball
- 3) Fourth Year Liaison -co-ordinate the activities of the Employment
- 4) Professional Development -send people to conferences -bring in speakers to

Faculty Council Rep must be faculty council rep -coordinates all faculty council reps

Standing Committees (any student can be chair of these committees) (chairs are elected at a meeting of full council)

- 1) Women's -run wine and cheese and Women's Dinner -deal with many other concerns pertaining to women
- 2) Computer -continue work of investigating good computers at good prices -co-ordinate discussions with faculty on uses of computers in the curriculum

Engineering Society Committee Sign Up Form

Name _____

Class and Year _____

Phone Number _____

Committees you wish to join: _____

S-Points

Applications for S-points are available outside the Engineering Athletics Office. Everyone is encouraged to fill out a form if they have participated on any team for Engineering during any of their years in Engineering. Awards will be presented at the annual awards banquet.

S-Point Awards:
I Athletic 'S' Award - 15 points.
II Bronze 'S' Award - 40 points (awarded in fourth year).

III Outstanding male and female athletes in each year (eight awards). To be selected by the E.A.A. as described in its constitution.

Teams are divided in the following classes:

DIVISION A: (Team Sports)

CLASS I: The team designated as the 'first' team in any sport:

Sr. Basketball, Rugger 1, Squash 1, Sr. Hockey, Waterpolo 1, Sr. Soccer, Volleyball 1, Football, Lacrosse 1.

CLASS II: The team designated as being 'second team' in any sport listed in CLASS I, or any other engineering team playing at a faculty level - i.e. any team designated as a 'third' team.

CLASS III: Teams which play in the touch football league, or the intermediate League for basketball and hockey, or any other Intermediate, Recreational or Coed league judged sufficiently competitive.

S-POINT TABLE: The points will be awarded as follows:

CLASS	I	II	III
Participation ★	5	4	3
Playoff Team □	6	5	4
Finalist Team/	8	7	6
Championship Team	9	8	7

★ 60 % of games.
□ A team qualifying for league playoffs and having won at least 50 % of its season's games.
/ A team losing in the final round of competition.

DIVISION B (Individual Sports)

A - Includes track and field, swimming, tennis, badminton, skiing, cross country or any other tournament type of sport.

- 1) Participation in any of the above 1 point
- 2) For track, and swimming (including relays)

1st	3
2nd	2
3rd	1

3) For Skiing EXPERIENCED

1st	3
2nd	2
3rd	1

NOVICE

1st	2
2nd	2

- 4) Doubles Tennis, Badminton (experienced)

Champions	3
Finalists	2
Semi-finalists	1

- 4) Tennis, Badminton (novice)

Champions 2
Finalists 1

Note: a) Where points are earned for placing, the points for participation are forfeited.
b) If a team championship is awarded in any Division B sport, every member of the team shall receive 2 points.

B - VARSITY TEAMS
Winners of a Varsity Intercollegiate Colour (Men's First 'T') or a Women's Intercollegiate 'T' shall be eligible to receive 10 points. Only one 'T' may be claimed per sport per year.

C - CO-ED TEAMS...2 pts.

D - Managers coaches

Intercollegiate Teams	3 points
Interfaculty Teams	2 points
Intermediate Teams	1 point

A maximum of 10 points per year may be earned in any one sport plus the managers and coaches award for that sport if applicable.
Awards for Engineering athletes, managers and coaches will be decided upon by the EAA executive and awarded at the S-dance at the end of the year.



SAC FREE FILMS**1988 SPRING SCHEDULE**

FEB 11, 12, 13

Salvador

FEB 25, 26, 27

Rome-Open City
Umberto D

MAR 3, 4, 5

Witches of Eastwick

MAR 10, 11, 12

Now for Something Completely Different
Monty Python Live Hollywood Bowl

MAR 17, 18, 19

The Graduate

MAR 24, 25, 26

Spinal Tap

Thursday at Erindale 5pm Rm 2074

Friday at Scarborough 7pm Rm S319

Saturday at St. George

7pm Medical Science Auditorium

SKULE NITE 8T8

ADVANCED TICKET SALES

ALL TICKETS \$7

SANDFORD FLEMING ATRIUM

FEB. 8 - 12

12 - 2pm

Lunchtime Blues? Well, all this term the Engineering Alumni Association is sponsoring a series of movies about engineering and how it relates to the world we live in. the series is known as "Connections" and has been shown at a number of engineering schools across Canada. **All the movies will be shown in SF 1105 at ten after one.**

February

10 Thunder In The Skies

24 Eat, Drink And Be Merry

March 2 Yesterday, Tomorrow And You

9 Countdown

16 Long Chain

If you don't really want to see a movie, there will be a number of concerts in the Atrium again this term including:

i) Jazz Express from Assumption C.I. March 2nd and

ii) Fanfare Choir from Mayfield H.S. on March 9th

As usual all the concerts will be starting at 12:30

LGMB Records

Christmas Gift Selection



LGMB
Band With the Runs
(Only five available
at this price)

3.99
LP

LGMB
Band With the Runs
(Only five available
at this price)

3.99
LP



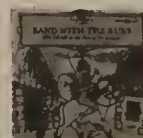
LGMB
Band With the Runs
4.00 LP



LGMB
Blows
(Limited quantity)
3.00 LP



LGMB
Band With the Runs
4.00 LP



LGMB
Band With the Runs
4.00 LP



LGMB
Band With the Runs
4.00 LP



LGMB
Band With the Runs
4.00 LP



LGMB
Band With the Runs
4.00 LP



LGMB
Band With the Runs
4.00 LP



LGMB
Band With the Runs
4.00 LP



LGMB
Band With the Runs
4.00 LP

Sale Starts When you arrive
Sale Ends When they're all sold

Available At ENGINEERING STORES
QUANTITIES ARE LIMITED!

Coming Soon...

Grad Ball



Saturday
March 12
Royal York
Hotel

